

Title (en)

BICYCLIC AND TRICYCLIC COMPOUNDS AS KAT II INHIBITORS

Title (de)

BICYCLISCHE UND TRICYCLISCHE VERBINDUNGEN ALS KAT-II-HEMMER

Title (fr)

COMPOSES BICYCLIQUES ET TRICYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE KAT II

Publication

**EP 2443092 A1 20120425 (EN)**

Application

**EP 10725875 A 20100526**

Priority

- IB 2010052349 W 20100526
- US 21814909 P 20090618
- US 33438910 P 20100513

Abstract (en)

[origin: US2010324043A1] Compounds of Formula X: wherein A, X, Y, Z, R5, R6a, and R6b are as defined herein, and pharmaceutically acceptable salts thereof, are described as useful for the treatment of cognitive deficits associated with schizophrenia and other neurodegenerative and/or neurological disorders in mammals, including humans.

IPC 8 full level

**C07D 215/60** (2006.01); **A61K 31/4375** (2006.01); **A61K 31/4704** (2006.01); **A61P 25/00** (2006.01); **C07D 401/04** (2006.01); **C07D 401/12** (2006.01); **C07D 405/04** (2006.01); **C07D 471/04** (2006.01); **C07D 491/04** (2006.01)

CPC (source: EP KR US)

**A61K 31/4738** (2013.01 - KR); **A61P 1/08** (2017.12 - EP); **A61P 1/16** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/04** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 13/00** (2017.12 - EP); **A61P 13/10** (2017.12 - EP); **A61P 17/02** (2017.12 - EP); **A61P 21/02** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/06** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **A61P 25/14** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/18** (2017.12 - EP); **A61P 25/20** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 25/30** (2017.12 - EP); **A61P 27/02** (2017.12 - EP); **A61P 27/16** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/04** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 215/60** (2013.01 - EP KR US); **C07D 401/04** (2013.01 - EP US); **C07D 401/12** (2013.01 - EP US); **C07D 405/04** (2013.01 - EP US); **C07D 471/04** (2013.01 - EP KR US); **C07D 491/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2010146488A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**US 2010324043 A1 20101223**; **US 8183238 B2 20120522**; AP 2012006071 A0 20120229; AR 077147 A1 20110803; AU 2010261399 A1 20120112; AU 2010261399 B2 20140717; BR PI1011784 A2 20160322; CA 2763960 A1 20101223; CA 2763960 C 20140708; CN 102482221 A 20120530; CN 102482221 B 20141022; CO 6470895 A2 20120629; CR 20110625 A 20120224; CU 20110234 A7 20120621; DK 2443092 T3 20150427; DO P2011000381 A 20120229; EA 201190287 A1 20120629; EC SP11011539 A 20120131; EP 2443092 A1 20120425; EP 2443092 B1 20150408; ES 2538386 T3 20150619; HK 1166980 A1 20121116; IL 216603 A0 20120229; IL 216603 A 20150730; JP 2012530129 A 20121129; JP 5643818 B2 20141217; KR 101390023 B1 20140429; KR 20120027480 A 20120321; MA 33407 B1 20120703; MX 2011013870 A 20120201; PE 20120432 A1 20120505; SG 176288 A1 20120130; TW 201100082 A 20110101; UY 32712 A 20110131; WO 2010146488 A1 20101223; ZA 201108964 B 20120829

DOCDB simple family (application)

**US 81661210 A 20100616**; AP 2012006071 A 20100526; AR P100102168 A 20100618; AU 2010261399 A 20100526; BR PI1011784 A 20100526; CA 2763960 A 20100526; CN 201080036601 A 20100526; CO 11173244 A 20111215; CR 20110625 A 20111124; CU 20110234 A 20111216; DK 10725875 T 20100526; DO 2011000381 A 20111209; EA 201190287 A 20100526; EC SP11011539 A 20111216; EP 10725875 A 20100526; ES 10725875 T 20100526; HK 12107680 A 20120806; IB 2010052349 W 20100526; IL 21660311 A 20111124; JP 2012515584 A 20100526; KR 20127000437 A 20100526; MA 34461 A 20111216; MX 2011013870 A 20100526; PE 2011002106 A 20100526; SG 2011088333 A 20100526; TW 99119671 A 20100617; UY 32712 A 20100616; ZA 201108964 A 20111206